

MEMORANDUM

TO: Luisa Oliveira (City of Somerville)

CC: Weston & Sampson Team, File

FROM: Joseph Spencer and Taylor Smith (Weston & Sampson)

DATE: September 28, 2021

SUBJECT: Conway Park Remediation and Redevelopment – Weekly Update
Week Ending September 24, 2021

Construction at Conway Park in Somerville is ongoing. Phase 3 of the project began when EPA (and their subcontractors) fully demobilized from the site on September 21, 2021. Quirk Construction (Quirk), under contract with the City of Somerville (the City), mobilized on April 20, 2021, and continues work onsite in support of ongoing field construction. A summary of the Project status and this week's activities are as follows:

Week: 23

Phase: 3

Primary Contractor: Quirk Construction

Requests for Information (RFIs)

There are two RFIs currently outstanding. Outstanding RFIs include:

- *RFI #5* – Fence Clarification at DCR Property Line – submitted 8/17/21
 - City and Weston & Sampson are coordinating design with DCR.
- *RFI #7* – Proposed Grading at Bathroom Building – submitted 9/8/21
 - Weston & Sampson to confirm elevations

Major Milestones

The following major milestones were reached this week:

- MBTA wall finished (not including fencing)
- Musco poles and backstop footings complete
- Work on basketball courts complete

On-going Construction

Construction of the following is on-going:

- Sub-field grading
- Fencing adjacent to MBTA right-of-way
- Nailer for field turf
- Utility migration (from pole to underground)
- Inspection, maintenance, and repair of environmental protection

Outstanding Items

The following items require attention:

- Resolution of RFIs #5 & 7

Dust Monitoring

Security of the Site, as well as operation of dust monitoring system and dust suppression (application of water) has transitioned from EPA back to Quirk. Monitoring for dust at the perimeter of the Site and adjacent to residences, pedestrians, and bicyclists is achieved through a network of four (4) continuous dust monitoring instruments. One is placed in front of the adjacent Allen Court residences and the other three are moved daily, if necessary, based on wind direction. The instruments, TSI DustTracks, measure particulate matter in air and continuously log the results to a computer where the results are stored. The 150 micrograms/cubic meter ($\mu\text{g}/\text{m}^3$) Project action level is based on the EPA's National Ambient Air Quality Standard (NAAQS) for coarse particles. If any 15-minute exceedance of the 24-hour TWA is exceeded, e-mail alerts are sent to Weston & Sampson and Quirk, and Site work is temporarily halted while additional dust suppression methods are employed.

Exposed soil, stockpiles, and areas where earth is being disturbed are sprayed regularly with water by Quirk to prevent the release of dust/soil particles. Some areas are covered with a geotextile fabric and weighed down with clean stone. No dust meters in the four (4) monitor network have recorded a 24-hour TWA above 150 $\mu\text{g}/\text{m}^3$ during the work week ending September 24, 2021.

The following ranges of average daily dust concentrations have been recorded this week:

- Downwind: 6.7 to 9.3 $\mu\text{g}/\text{m}^3$
- Crosswind: 6.8 to 15.6 $\mu\text{g}/\text{m}^3$
- Upwind: 4 to 15.1 $\mu\text{g}/\text{m}^3$
- Meter adjacent to eastern border/residences: 6.3 to 9.3 $\mu\text{g}/\text{m}^3$

Pay Requests

Pay request #3 has been signed and approved

Schedule

The Project is currently approximately 2 weeks behind schedule based on the initial Project schedule provided. Quirk sent revised Phases 2, 3, and 4 schedule with the following projected:

- Next week: Beginning installation of stormwater chambers
- Mid-October: Turf install

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